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JC973 U.S. PTO

Use type a plus sign (+) inside this box →

12-13 00

PTO/SB/05 (11-00)

Approved for use through 10/31/2002 CMB 0651-0332
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|-----------------------|--|
| Attorney Docket No | 15-CT-5233 |
| First Inventor | David M. Hoffman |
| Title | SOLID-STATE CT DETECTOR MODULES WITH IMPROVED SCINTILLATOR/DIODE COUPLING |
| Express Mail Label No | EL048588869US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

- 1 ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- 2 ☐ Application claims small entity status
See 37 CFR 1.27
- 3 ☒ Specification [Total Pages 18]
(Preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- 4 ☒ Drawing(s) (35 USC 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
- 6 ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- 7 ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
- 8 Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or
its equivalent
17. ☒ Certificate of Express Mail
- Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information

Examiner

Group/Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label (Insert Custom No. or Attach bar code label here) or ☒ Correspondence address below

| | | | | | |
|---------|--|-----------|----------------|----------|----------------|
| Name | John S. Beulick | | | | |
| Address | Armstrong Teasdale LLP One Metropolitan Sq., Suite 2600 | | | | |
| City | St. Louis | State | Missouri | Zip Code | 63102 |
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| | | | |
|-------------------|--------------------|-----------------------------------|---------------|
| Name (Print/type) | Alan L. Cassel | Registration No. (Attorney/Agent) | 35,842 |
| Signature | <i>Alan Cassel</i> | Date | Dec. 12, 2000 |

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PATENT
15-CT-5233

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CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS

Express Mail mailing label number: **EL048588869US**

Date of Mailing: Dec. 12, 2000

I certify that the attached complete utility patent application of **David M. Hoffman** for **SOLID-STATE CT DETECTOR MODULES WITH IMPROVED SCINTILLATOR/DIODE COUPLING**, including

- Utility Patent Application Transmittal (1 page)
- Fee Transmittal (in duplicate) (1 page)
- Twelve (12) pages of specification; five (5) pages of claims; one (1) page of abstract
- Six (6) sheets of drawings
- Declaration and Power of Attorney (2 pages)
- Recordation Form (1 page, in duplicate)
- Assignment (1 page)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.



Alan L. Cassel, Reg. No. 35,842
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314/621-5070

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision

Complete If Known

| | |
|------------------------|------------------|
| Application Number | Not yet assigned |
| Filing Date | Herewith |
| First Named Inventor | David M. Hoffman |
| Group Art Unit | Not yet assigned |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | 15-CT-5233 |

TOTAL AMOUNT OF PAYMENT (\$ 890.00)

METHOD OF PAYMENT (check one)

- 1 ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to

Deposit
Account
Number

01-2384

Deposit
Account
Name

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status
See 37 CFR 1.16 and 1.17

- 2 ☐ Payment Enclosed

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101 | 710 | 201 | 355 | Utility Filing Fee | 710.00 |
| 106 | 320 | 206 | 160 | Design Filing Fee | |
| 107 | 490 | 207 | 245 | Plant Filing Fee | |
| 108 | 710 | 208 | 355 | Reissue filing Fee | |
| 114 | 150 | 214 | 75 | Provisional Filing Fee | |
| SUBTOTAL (1) | | | | | 710.00 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee From Below | Fee Paid |
|--------------------|-----------------|-------------------|----------|
| 30 | 20** | 10 | 18.00 |
| 3 | 3* | 0 | 0.00 |
| Multiple Dependent | | | |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|---|----------|
| 102 | 13 | 203 | 9 | Claims in excess of 20 | |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 80 | 209 | 40 | **Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | 180.00 |

**for number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2520 | 147 | 2520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1840* | 113 | 1840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1510 | 138 | 1510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after a final rejection (37-CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Alan L. Cassel

Registration No.
(Attorney/Agent)

35,842

Telephone

314-621-5070

Signature

Date

Dec. 12, 2000

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